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25X1

[REDACTED]
FY-68 Quarterly Report No. 2

PAR 245

30 Nov 67

SUBJECT: BPE High-Magnification Lens Sets

TASK/PROBLEM

1. Design, fabricate, and test prototype optical systems to extend the Briefing Print Enlarger (prototype) PAR 243A upper limit magnification range from 60X to 140X - 160X.

DISCUSSION

2. Lens performance tests were conducted on the Briefing Print Enlarger breadboard at the contractor's facility using breadboard condenser assemblies.

3. The opportunity arose to mount the lenses and deliverable condenser assemblies on Briefing Print Enlarger Serial No. 101* during its checkout here. As a result, it was also possible to check condenser alignment, field illumination uniformity, and resolution.

4. The lenses and deliverable condenser assemblies and the storage cabinet complete with molded drawer liners were delivered to the customer, installed on the prototype Briefing Print Enlarger, aligned, checked out, and accepted by the customer on 30 November 1967.

PLANNED ACTIVITY

5. Prepare and transmit the final report.

Declass Review by NGA.

* The first one of the production models being built under a separate contract from the BPE prototype model.

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GROUP 1
EXCLUDED FROM AUTOMATIC DOWNGRADING
AND DECLASSIFICATION